

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072916\
 Data File : BG023331.D
 Acq On : 29 Jul 2016 8:24
 Operator : UM/SJ
 Sample : H4213-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-5

Quant Time: Jul 29 13:25:06 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

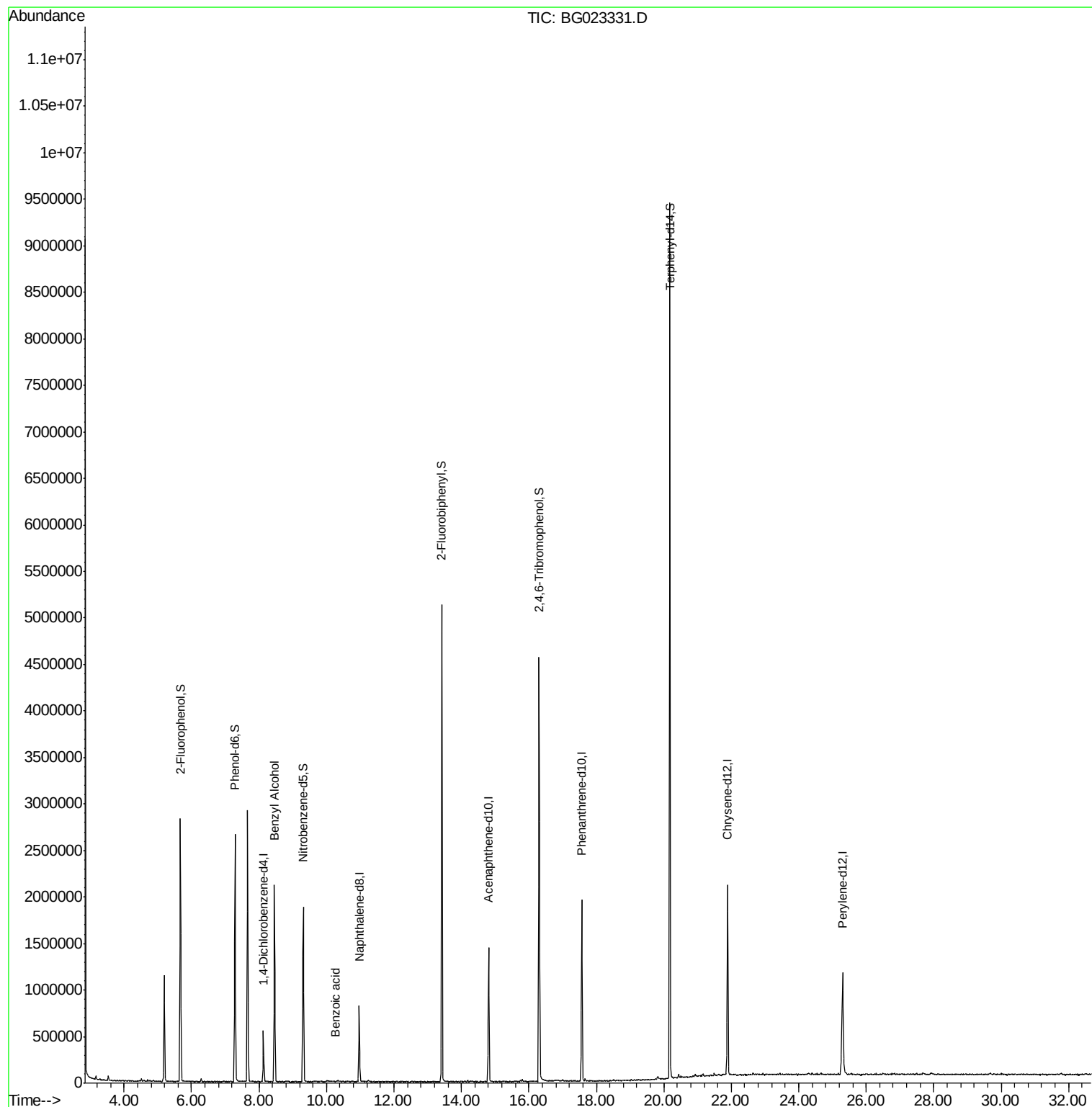
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	150124	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	672456	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	489246	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1160655	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1214539	20.00	ng	0.00
86) Perylene-d12	25.30	264	1199597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1174349	133.54	ng	0.00
7) Phenol-d6	7.29	99	1667321	123.50	ng	0.00
23) Nitrobenzene-d5	9.31	82	1203028	87.49	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	845690	167.01	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2472233	94.58	ng	0.00
78) Terphenyl-d14	20.18	244	3252127	87.04	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	20623	2.27	ng	# 45
32) Benzoic acid	10.28	122	110	8.12	ng	# 11

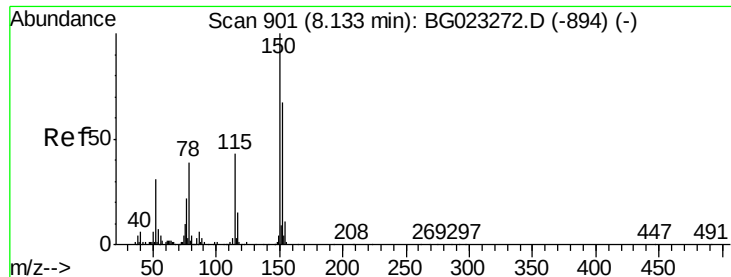
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

Instrument :

BNA_G

ClientSampleId :

L-5

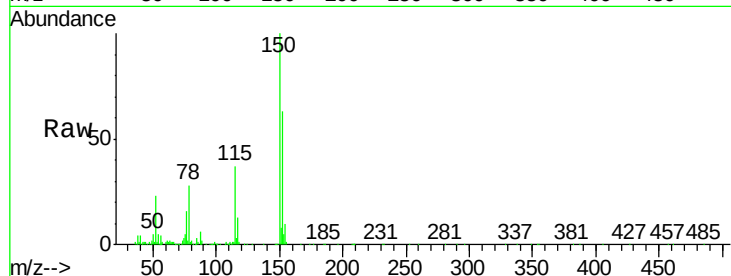
Tgt Ion:152 Resp: 150124

Ion Ratio Lower Upper

152 100

150 158.4 144.7 217.1

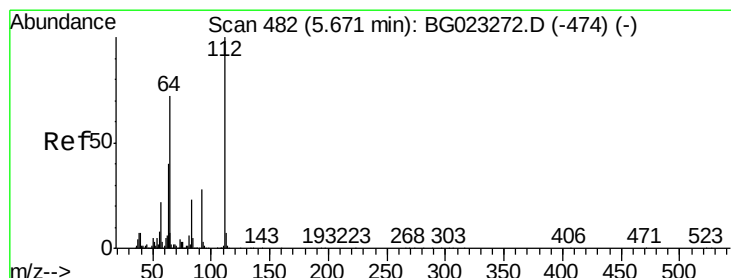
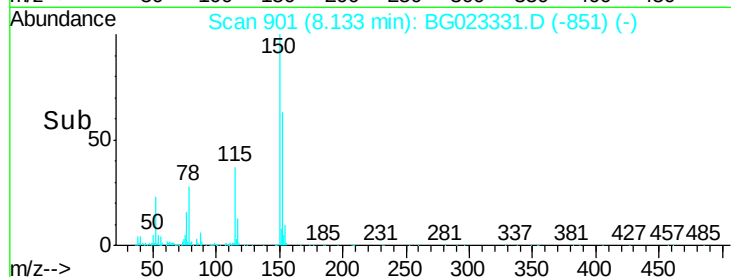
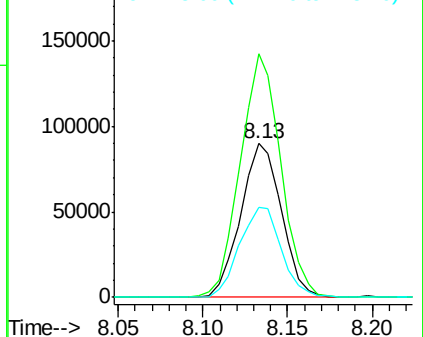
115 58.9 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 133.54 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

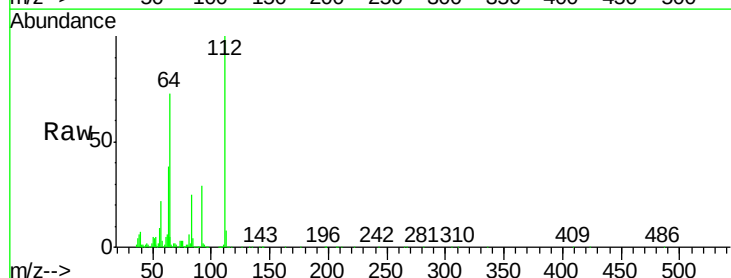
Tgt Ion:112 Resp: 1174349

Ion Ratio Lower Upper

112 100

64 72.7 59.0 88.4

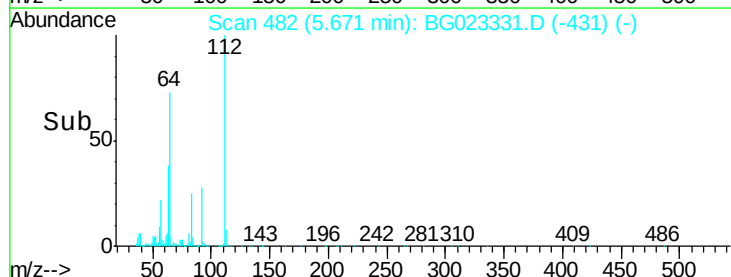
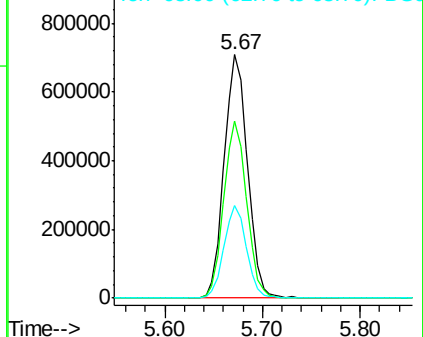
63 38.2 37.8 56.8

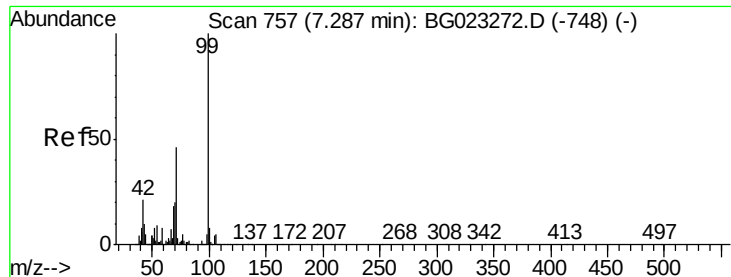


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.50 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

Instrument :

BNA_G

ClientSampleId :

L-5

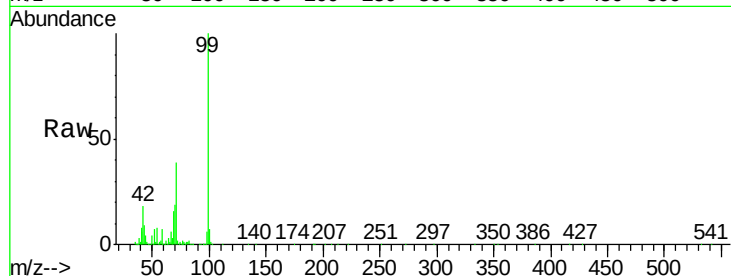
Tgt Ion: 99 Resp: 1667321

Ion Ratio Lower Upper

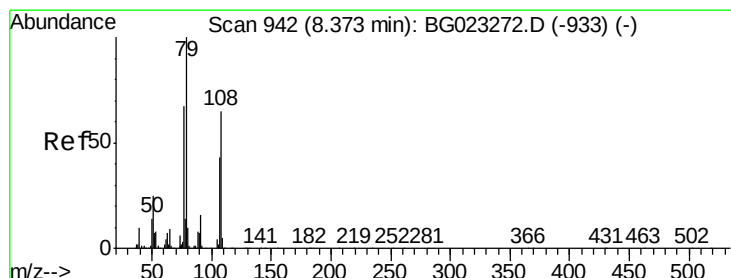
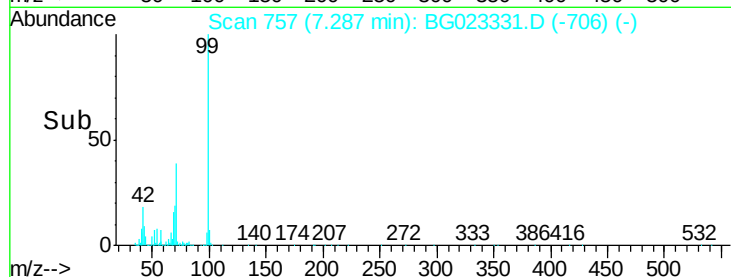
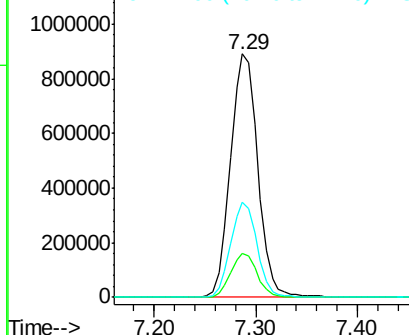
99 100

42 18.1 17.8 26.6

71 39.1 41.5 62.3#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.27 ng

RT: 8.46 min Scan# 957

Delta R.T. 0.08 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

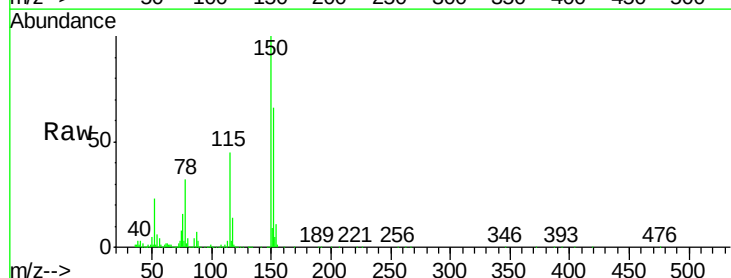
Tgt Ion: 79 Resp: 20623

Ion Ratio Lower Upper

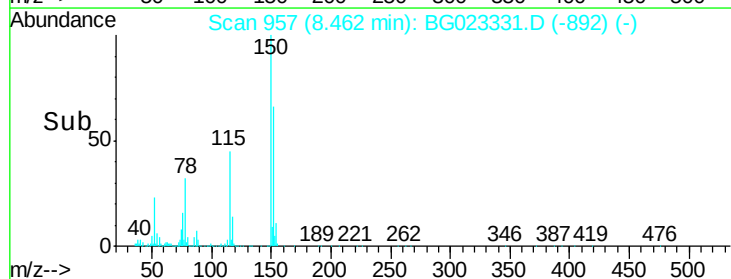
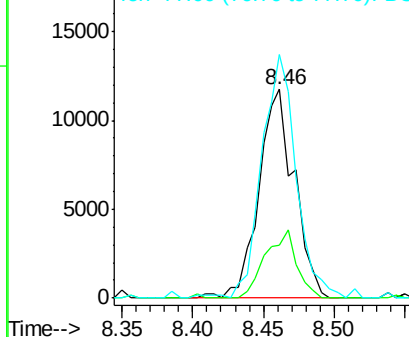
79 100

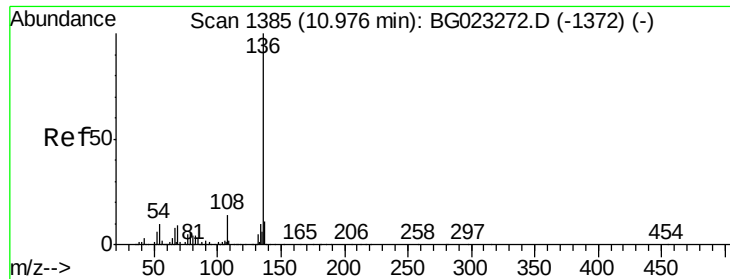
108 25.4 46.5 69.7#

77 116.5 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

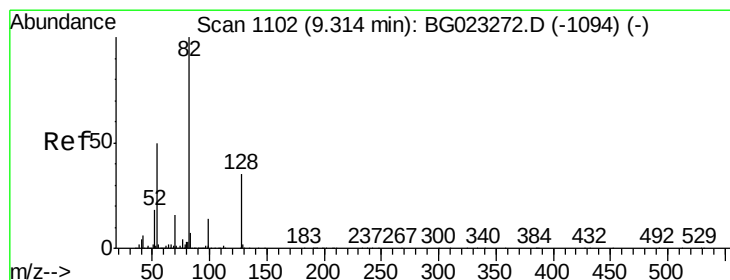
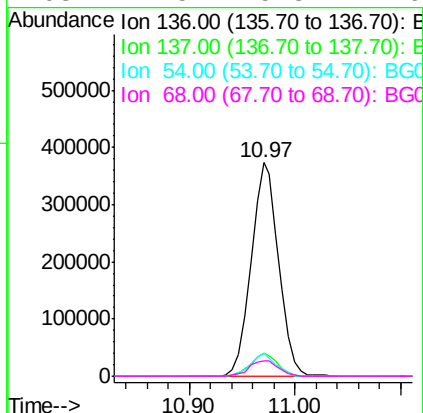
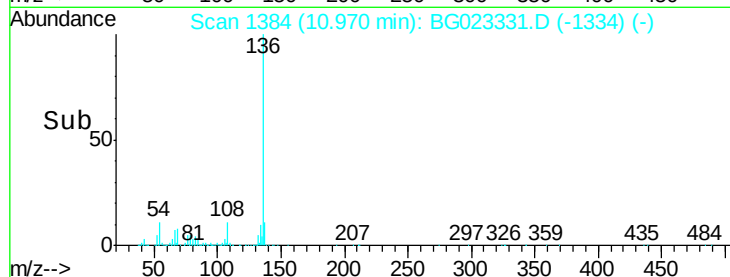
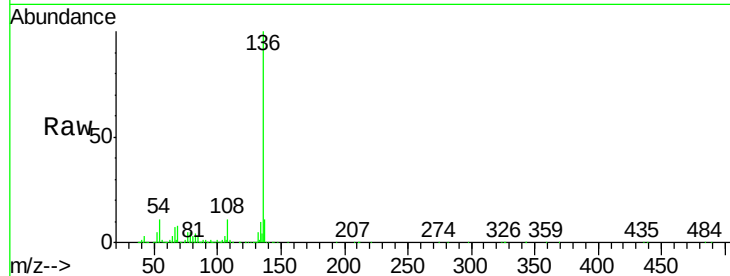




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023331.D
Acq: 29 Jul 2016 8:24

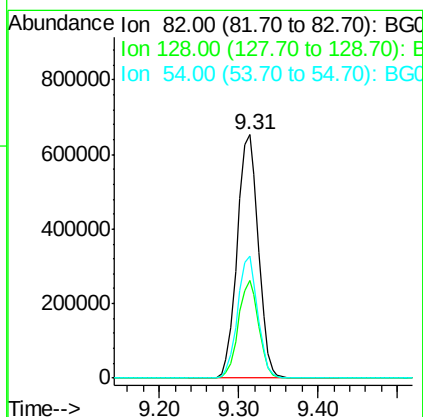
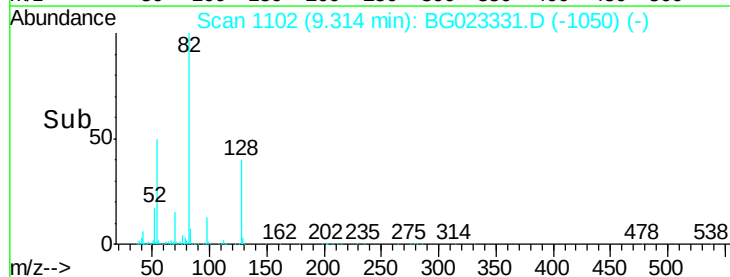
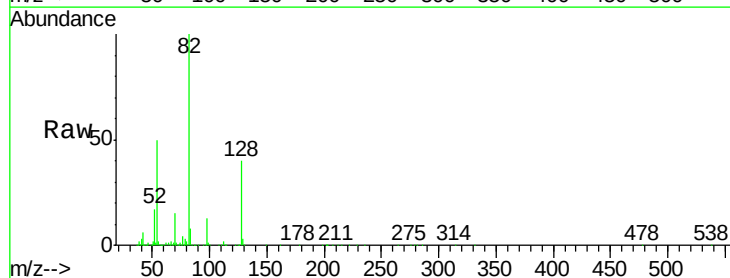
Instrument :
BNA_G
ClientSampleId :
L-5

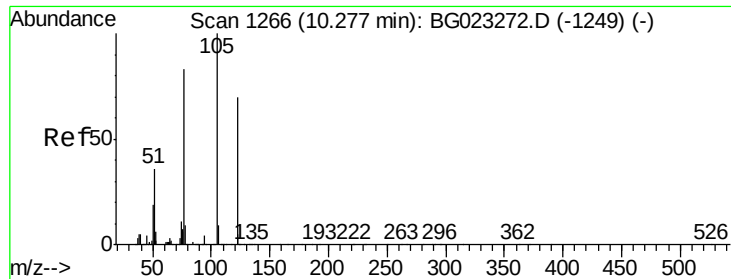
Tgt Ion:	136	Resp:	672456
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	10.6	7.3	10.9
68	7.5	5.3	7.9



#23
Nitrobenzene-d5
Concen: 87.49 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023331.D
Acq: 29 Jul 2016 8:24

Tgt Ion:	82	Resp:	1203028
Ion	Ratio	Lower	Upper
82	100		
128	39.9	24.4	36.6#
54	50.3	41.4	62.0

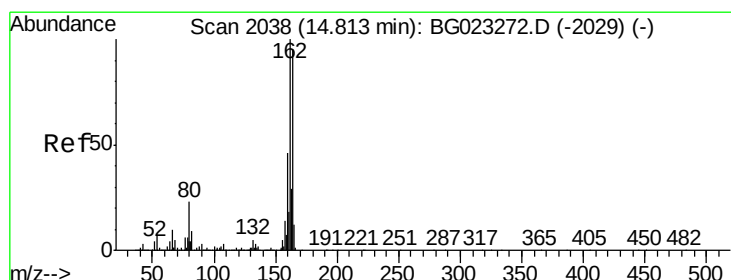
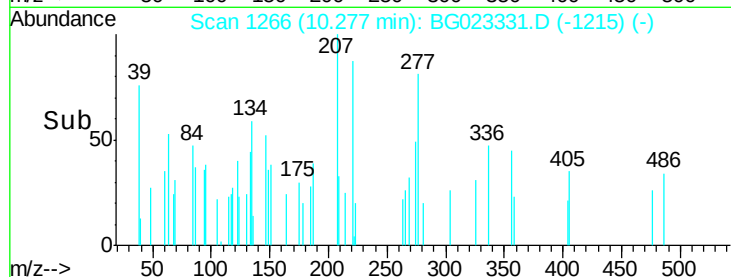
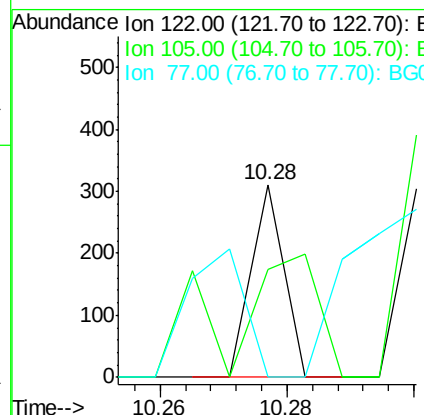
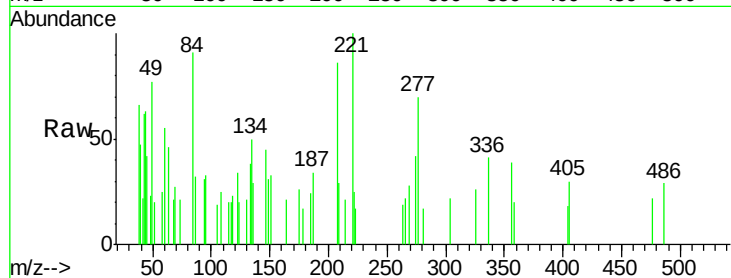




#32
Benzoic acid
Concen: 8.12 ng
RT: 10.28 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG023331.D
Acq: 29 Jul 2016 8:24

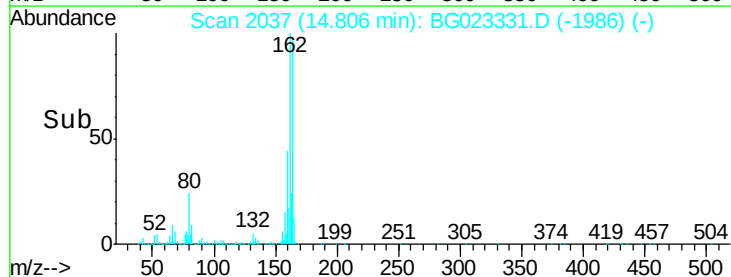
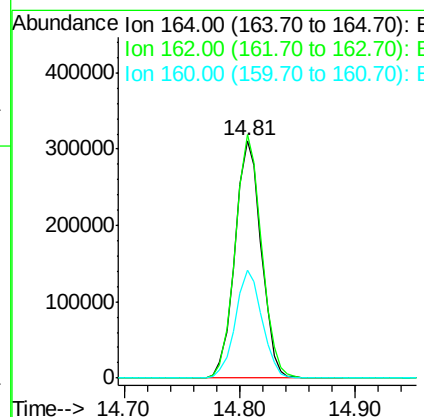
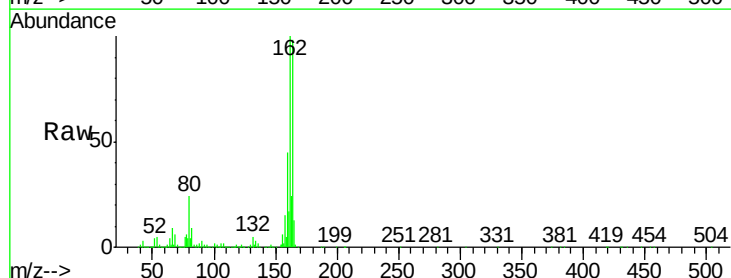
Instrument :
BNA_G
ClientSampled :
L-5

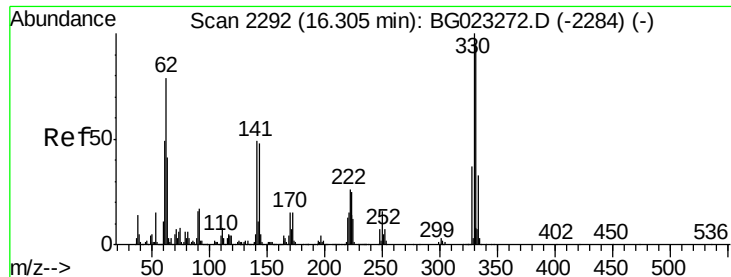
Tgt Ion:122 Resp: 110
Ion Ratio Lower Upper
122 100
105 56.3 117.2 157.2#
77 0.0 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023331.D
Acq: 29 Jul 2016 8:24

Tgt Ion:164 Resp: 489246
Ion Ratio Lower Upper
164 100
162 102.4 87.7 131.5
160 45.6 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 167.01 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

Instrument :

BNA_G

ClientSampleId :

L-5

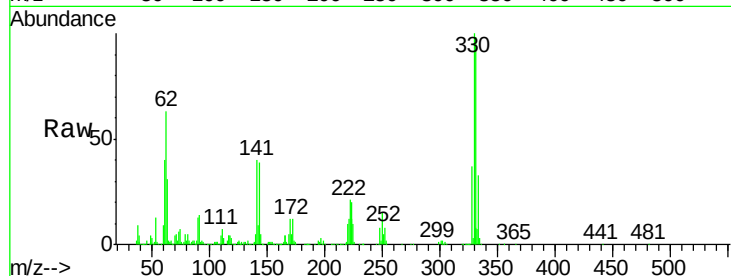
Tgt Ion:330 Resp: 845690

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.2

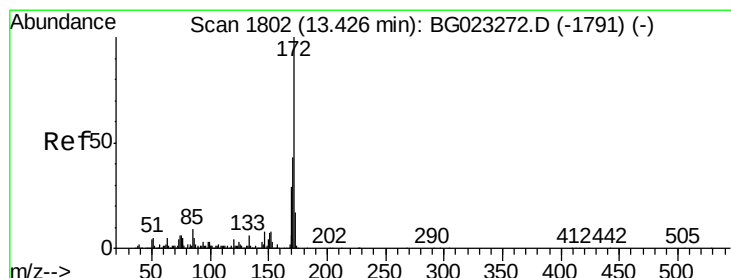
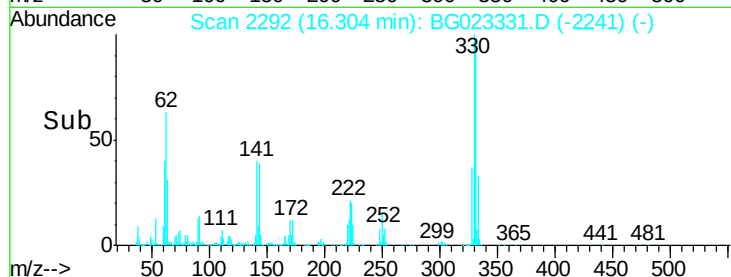
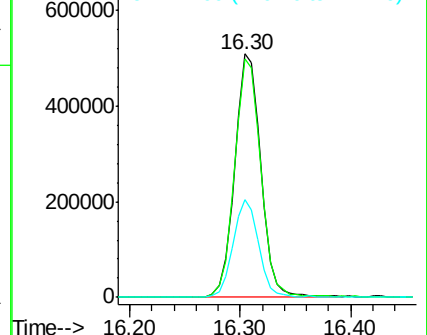
141 39.3 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 94.58 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

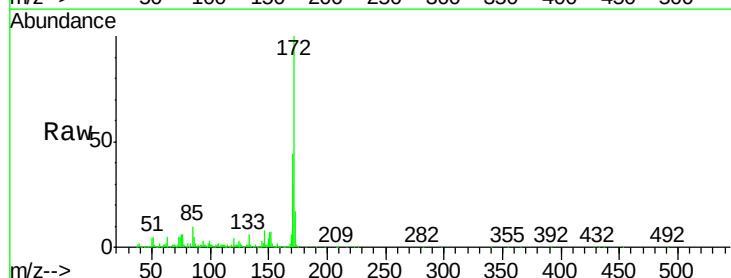
Tgt Ion:172 Resp: 2472233

Ion Ratio Lower Upper

172 100

171 43.9 31.6 47.4

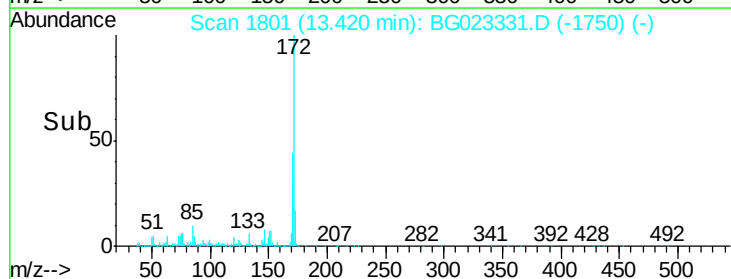
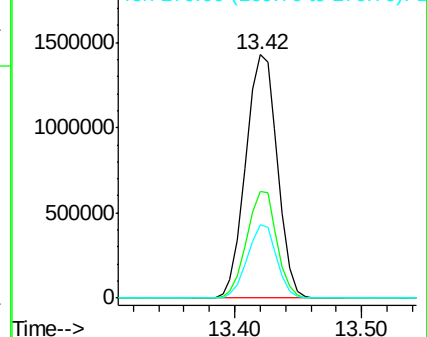
170 30.1 21.3 31.9

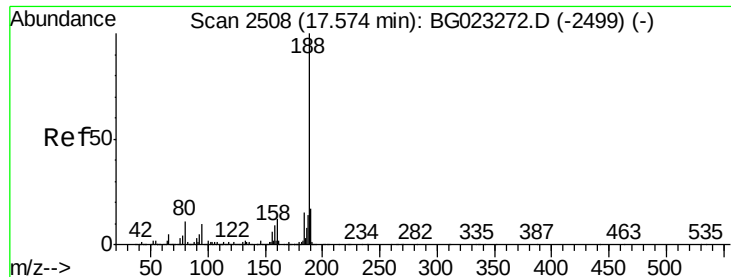


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

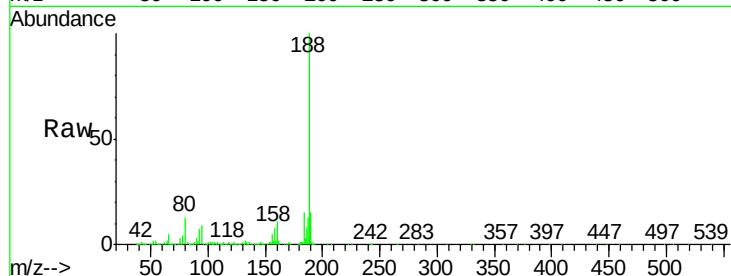




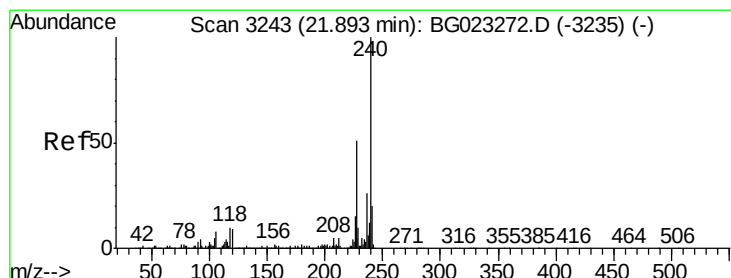
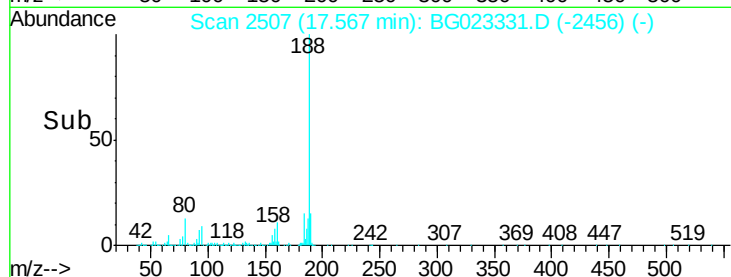
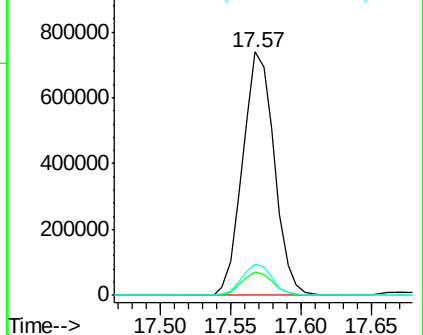
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023331.D
Acq: 29 Jul 2016 8:24

Instrument :
BNA_G
ClientSampled :
L-5

Tgt Ion:188 Resp: 1160655
Ion Ratio Lower Upper
188 100
94 9.5 5.2 7.8#
80 12.8 7.2 10.8#

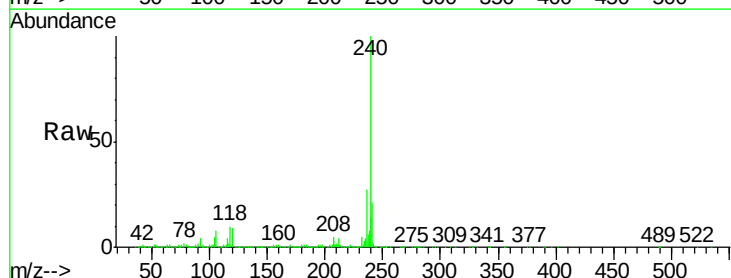


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

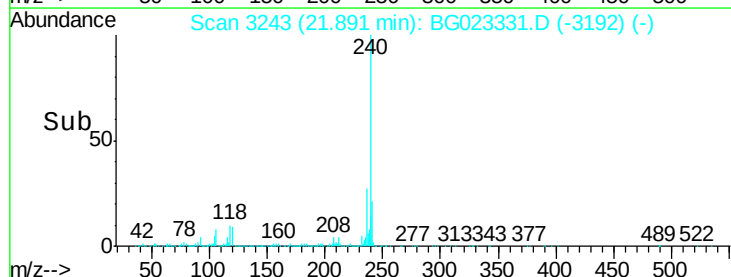
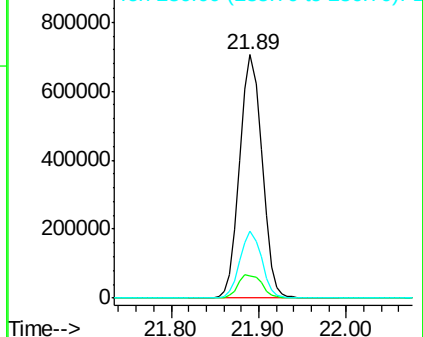


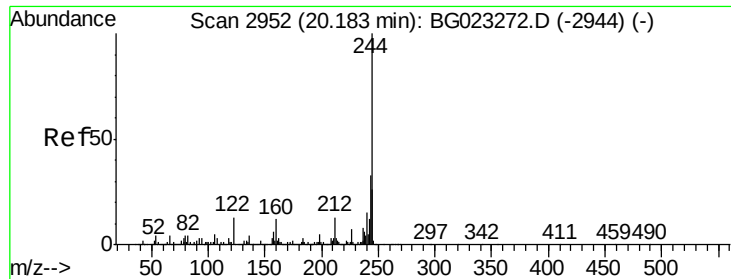
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023331.D
Acq: 29 Jul 2016 8:24

Tgt Ion:240 Resp: 1214539
Ion Ratio Lower Upper
240 100
120 9.4 4.1 6.1#
236 27.4 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.04 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

Instrument :

BNA_G

ClientSampleId :

L-5

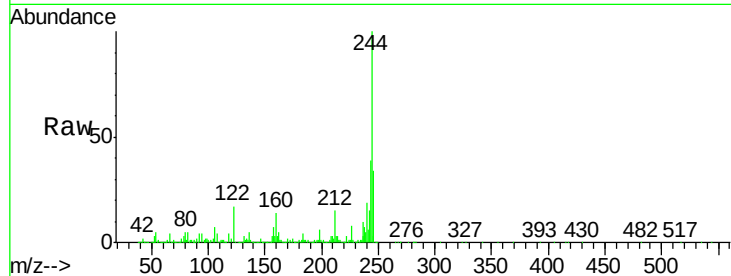
Tgt Ion:244 Resp: 3252127

Ion Ratio Lower Upper

244 100

212 15.0 10.8 16.2

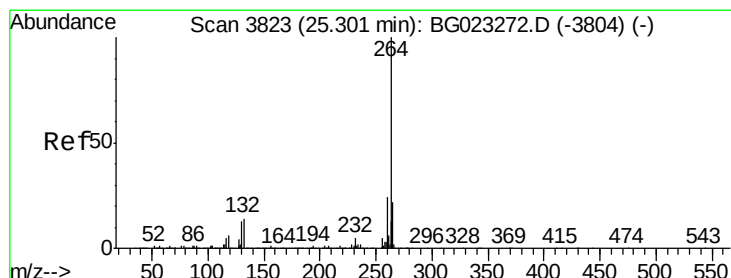
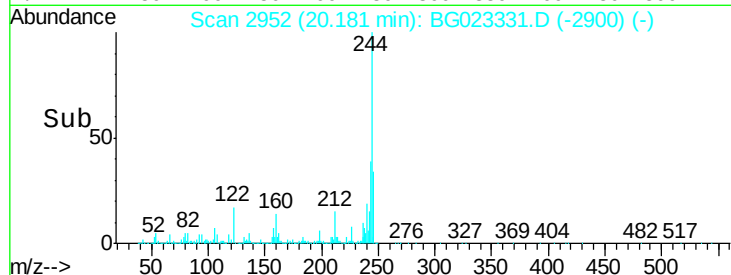
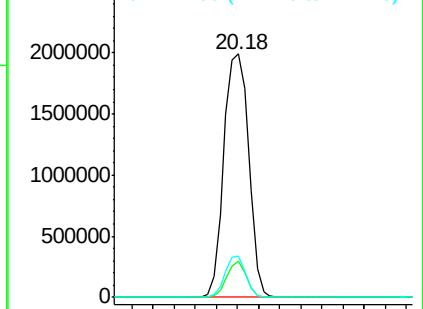
122 17.2 8.0 12.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.30 min Scan# 3823

Delta R.T. -0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

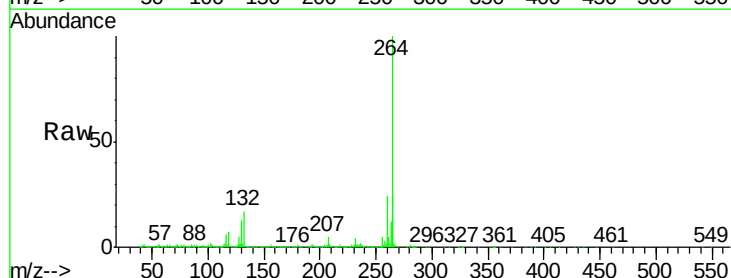
Tgt Ion:264 Resp: 1199597

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 23.6 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

